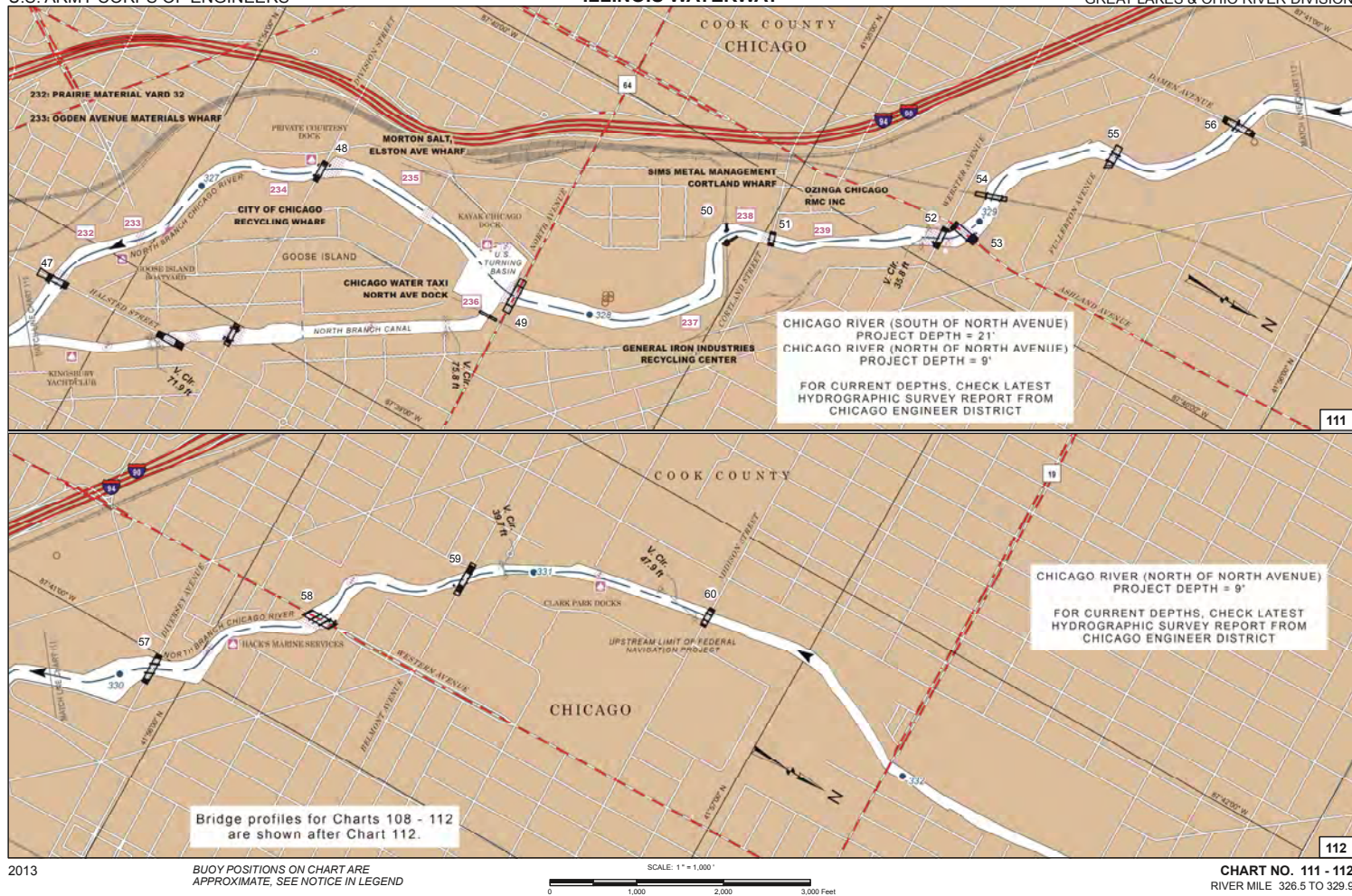


U.S. ARMY CORPS OF ENGINEERS

ILLINOIS WATERWAY

MISSISSIPPI VALLEY DIVISION
GREAT LAKES & OHIO RIVER DIVISION



2013

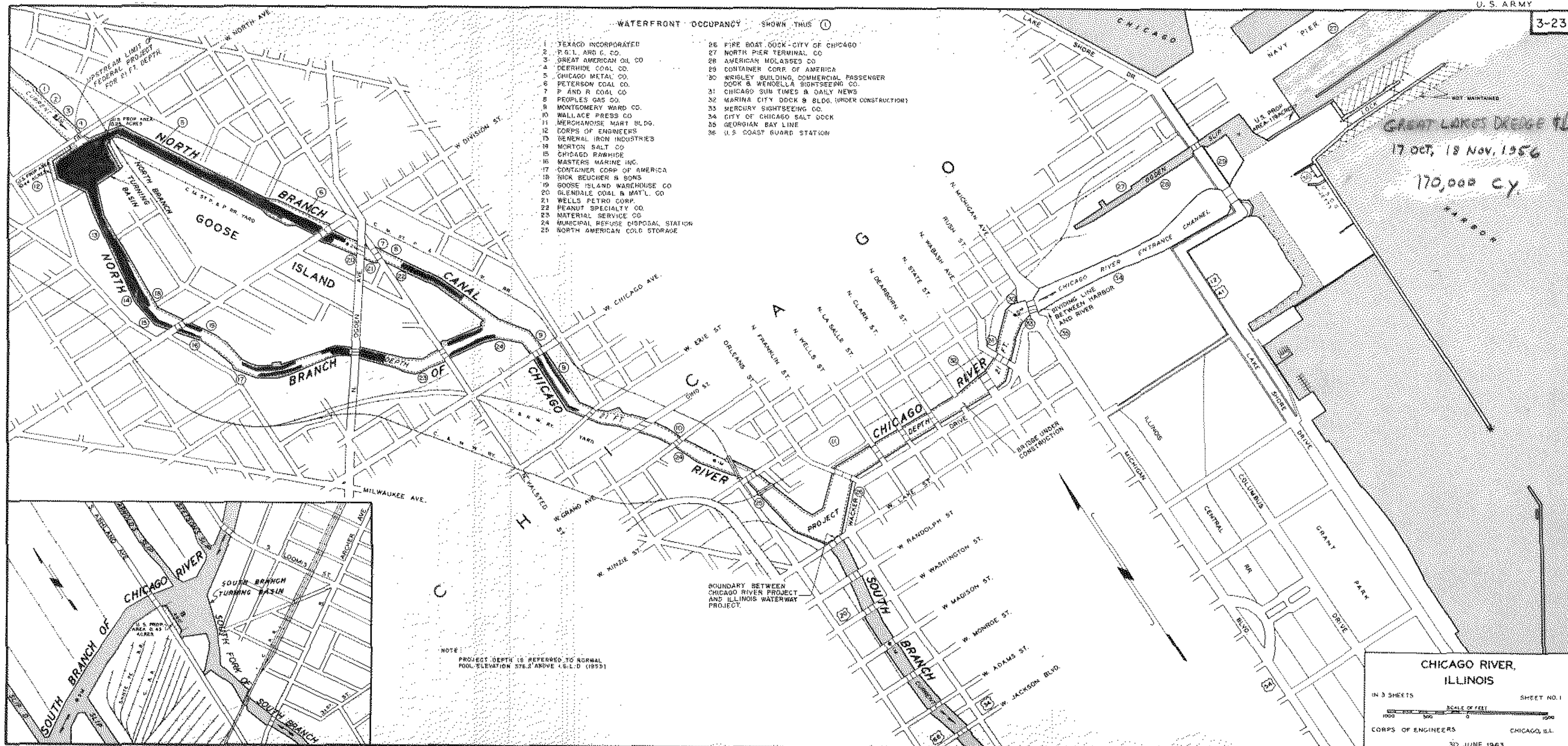
BUOY POSITIONS ON CHART ARE
APPROXIMATE, SEE NOTICE IN LEGEND

SCALE: 1" = 1,000'
0 1,000 2,000 3,000 Feet

CHART NO. 111 - 112
RIVER MILE 326.5 TO 329.9

WATERFRONT OCCUPANCY SHOWN THUS ①

- | | |
|--------------------------------------|--|
| 1 TEXACO INCORPORATED | 26 FIRE BOAT DOCK-CITY OF CHICAGO |
| 2 P.G.I. AND CO. | 27 NORTH PIER TERMINAL CO. |
| 3 GREAT AMERICAN OIL CO. | 28 AMERICAN MOLASSES CO. |
| 4 DEERHIDE COAL CO. | 29 CONTAINER CORP. OF AMERICA |
| 5 CHICAGO METAL CO. | 30 WISLEY BUILDING, COMMERCIAL PASSENGER DOCK & WENDELLA SIGHTSEEING CO. |
| 6 PETERSON COAL CO. | 31 CHICAGO SUN TIMES & DAILY NEWS |
| 7 P AND R COAL CO. | 32 MARINA CITY DOCK & BLDG. UNDER CONSTRUCTION |
| 8 PEOPLES GAS CO. | 33 MERCURY SIGHTSEEING CO. |
| 9 MONTGOMERY WARD CO. | 34 CITY OF CHICAGO SALT DOCK |
| 10 WALLACE PRESS CO. | 35 GEORGIAN BAY LINE |
| 11 MERCHANDISE MART BLDG. | 36 U.S. COAST GUARD STATION |
| 12 CORPS OF ENGINEERS | |
| 13 GENERAL IRON INDUSTRIES | |
| 14 MORTON SALT CO. | |
| 15 CHICAGO RAWHIDE | |
| 16 MASTERS MARINE INC. | |
| 17 CONTAINER CORP. OF AMERICA | |
| 18 RICK BEUCHER & SONS | |
| 19 GOOSE ISLAND WAREHOUSE CO. | |
| 20 GLENDALE COAL & MAT'L. CO. | |
| 21 WELLS PETRO CORP. | |
| 22 PEANUT SPECIALTY CO. | |
| 23 MATERIAL SERVICE CO. | |
| 24 MUNICIPAL REFUSE DISPOSAL STATION | |
| 25 NORTH AMERICAN COLD STORAGE | |

CHICAGO RIVER,
ILLINOIS

IN 3 SHEETS SHEET NO. 1
SCALE OF FEET
0 500 1000
CORPS OF ENGINEERS CHICAGO, ILL.

30 JUNE 1963

1956



NOTE: PROJECT DEPTH IS REFERRED TO NORMAL
POOL ELEVATION 176.2' ABOVE T.G.L.D. (1955)

CHICAGO RIVER
ILLINOIS

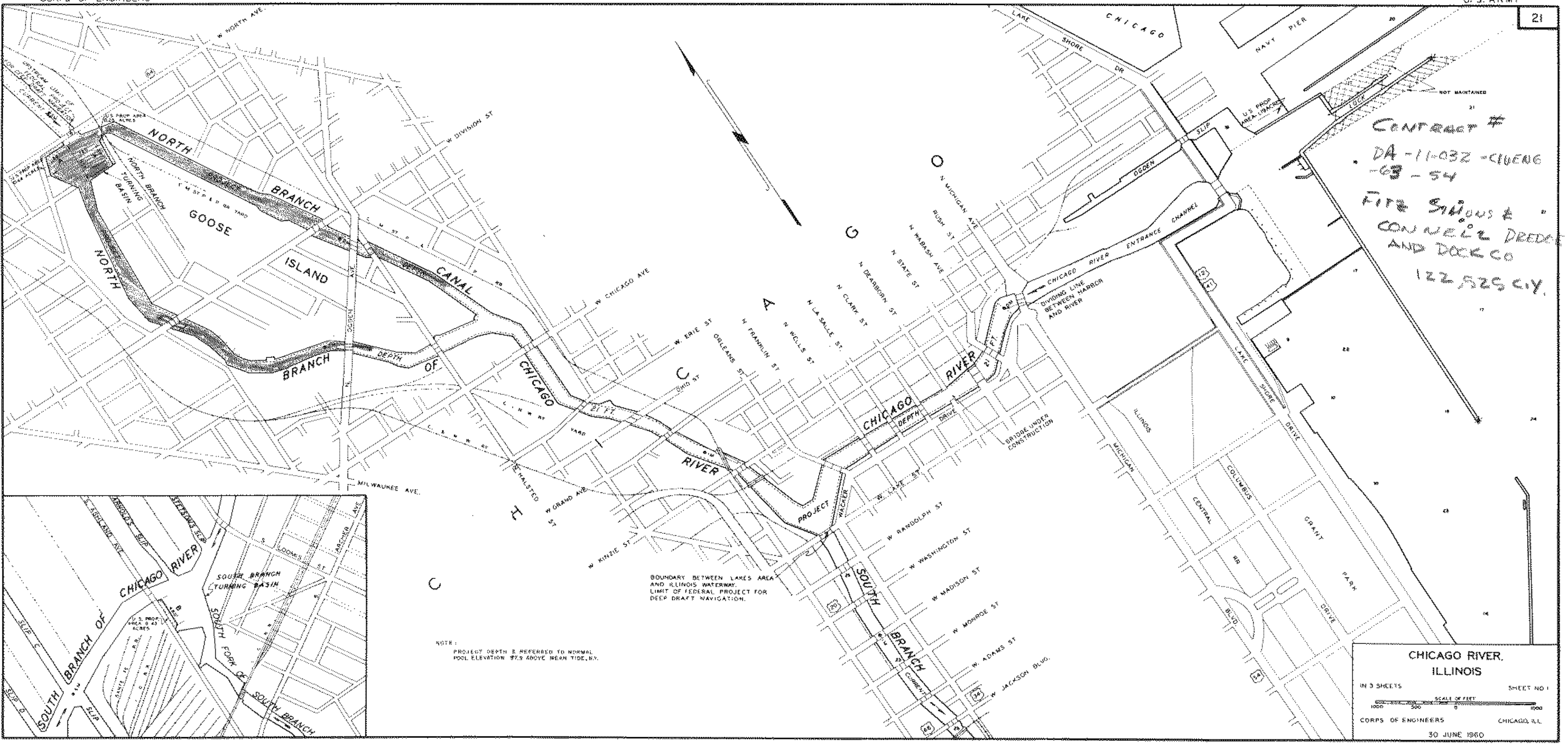
IN 3 SHEETS SHEET NO. 1

SCALE OF FEET

1000 500 0 1000

CORPS OF ENGINEERS CHICAGO, ILL.

30 JUNE 1967

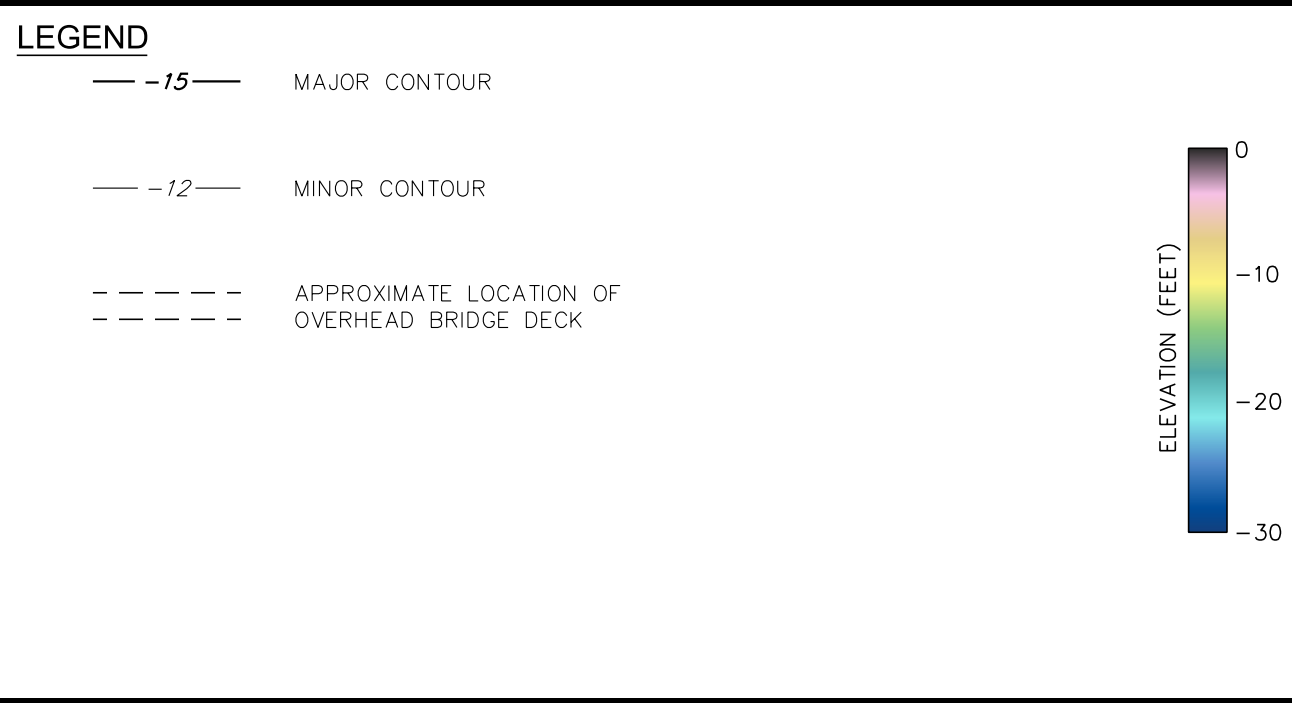
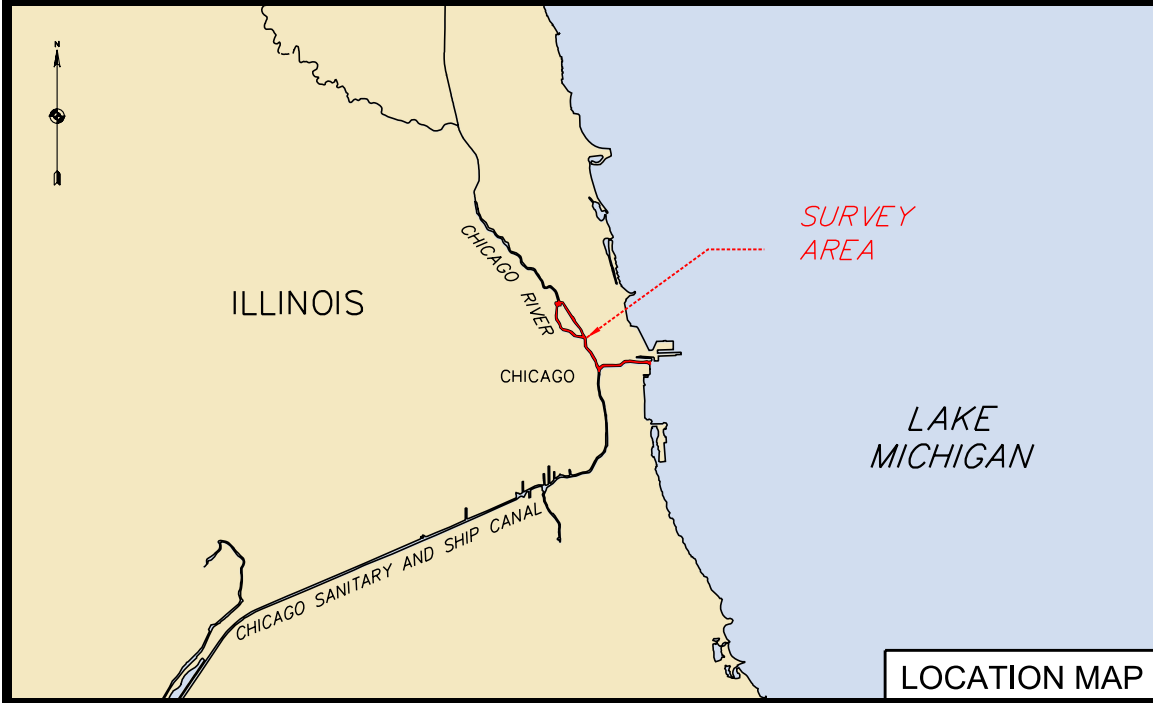
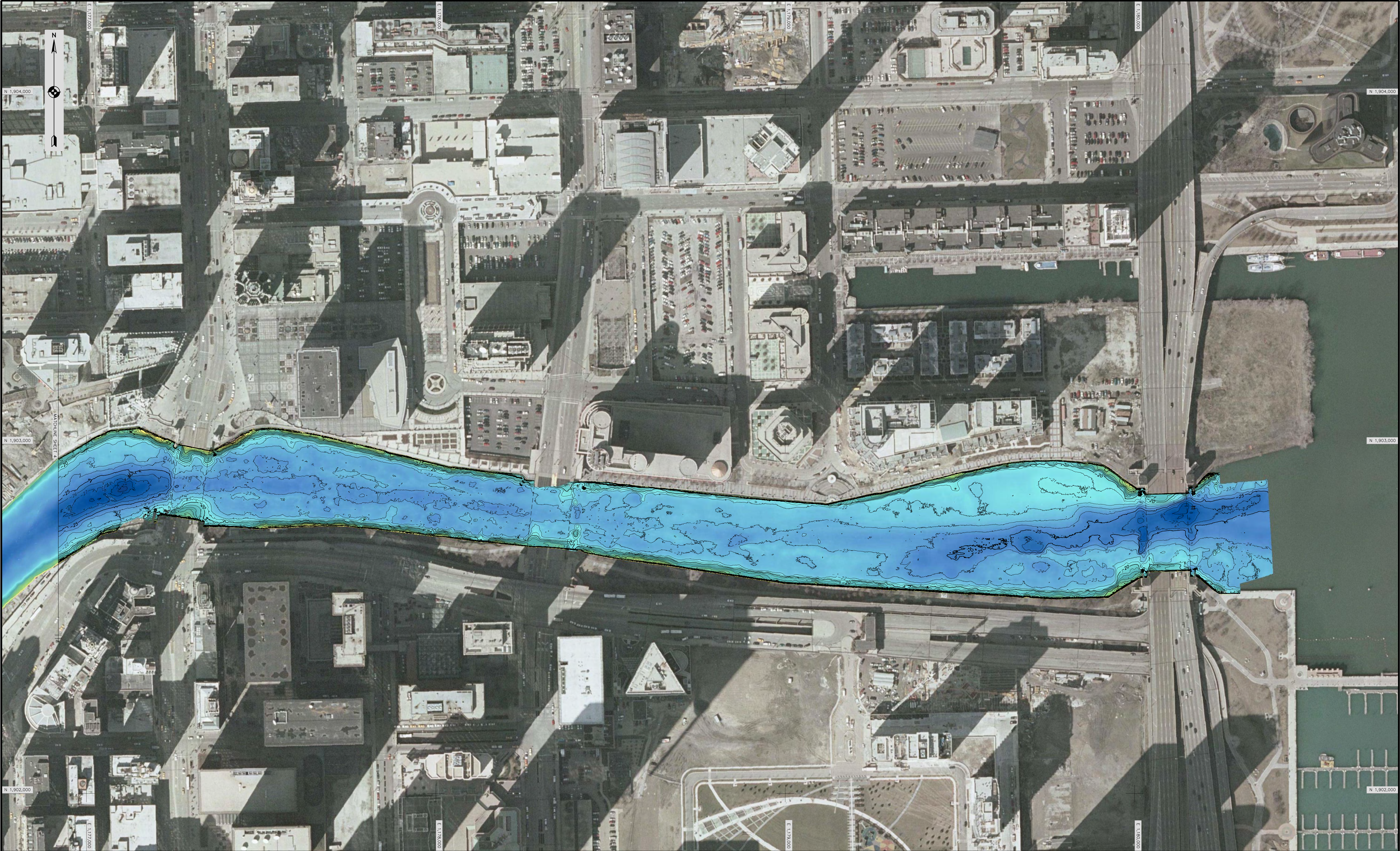


CONTRACT #
DA-11-032 - CIVENG
- 63-54
Fitz Simons &
Conwell Dredge
and Dock Co
122 525 C.Y.

BOUNDARY BETWEEN LAKES AREA
AND ILLINOIS WATERWAY.
LIMIT OF FEDERAL PROJECT FOR
DEEP DRAFT NAVIGATION.

NOTE:
PROJECT DEPTH IS REFERRED TO NORMAL
POOL ELEVATION 87.5 ABOVE MEAN TIDE, N.Y.

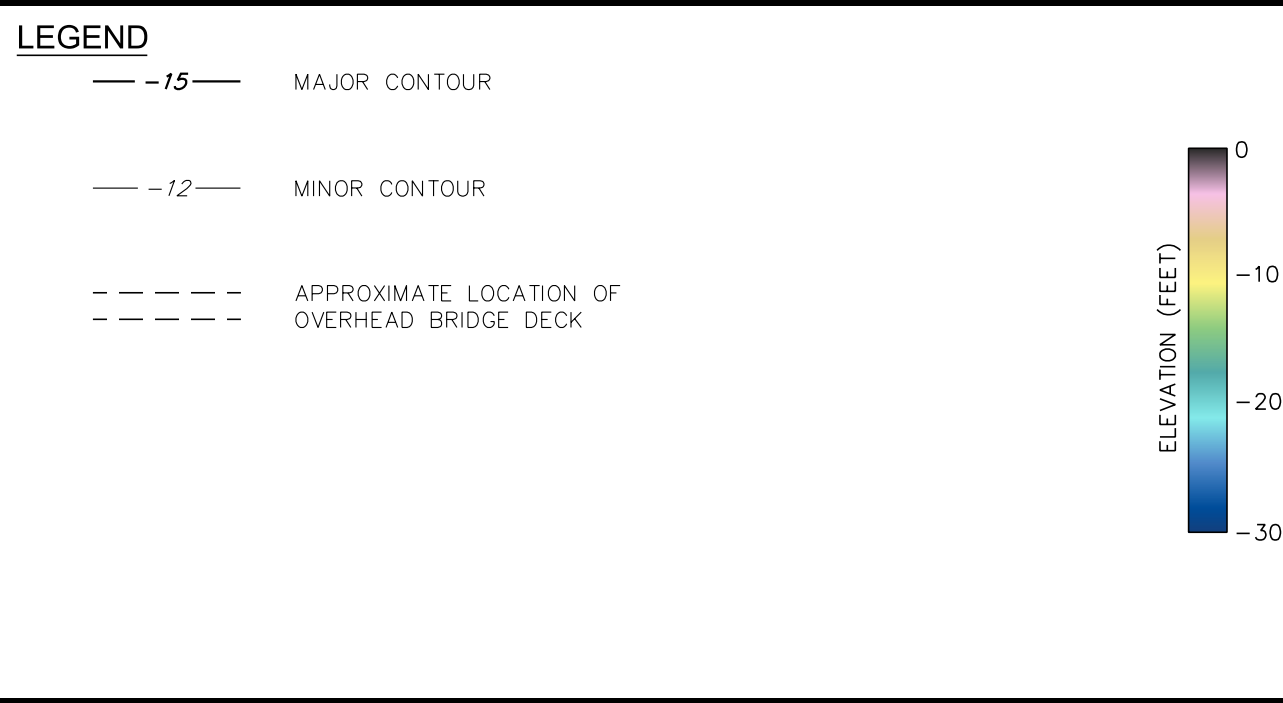
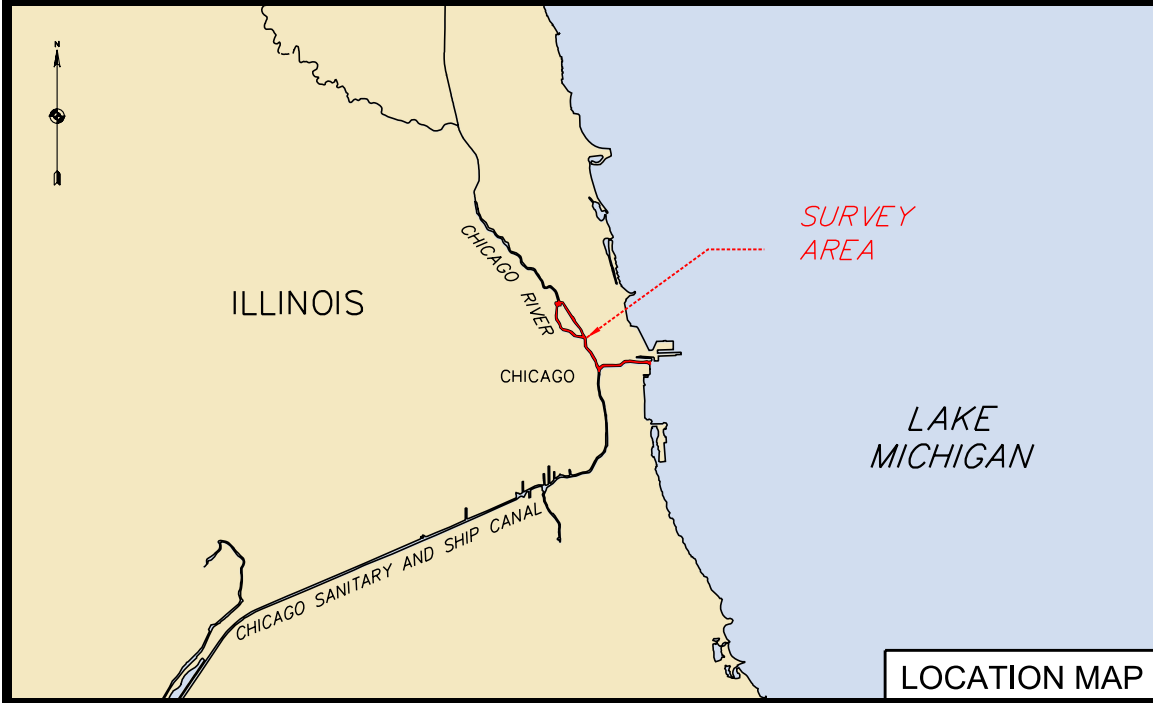
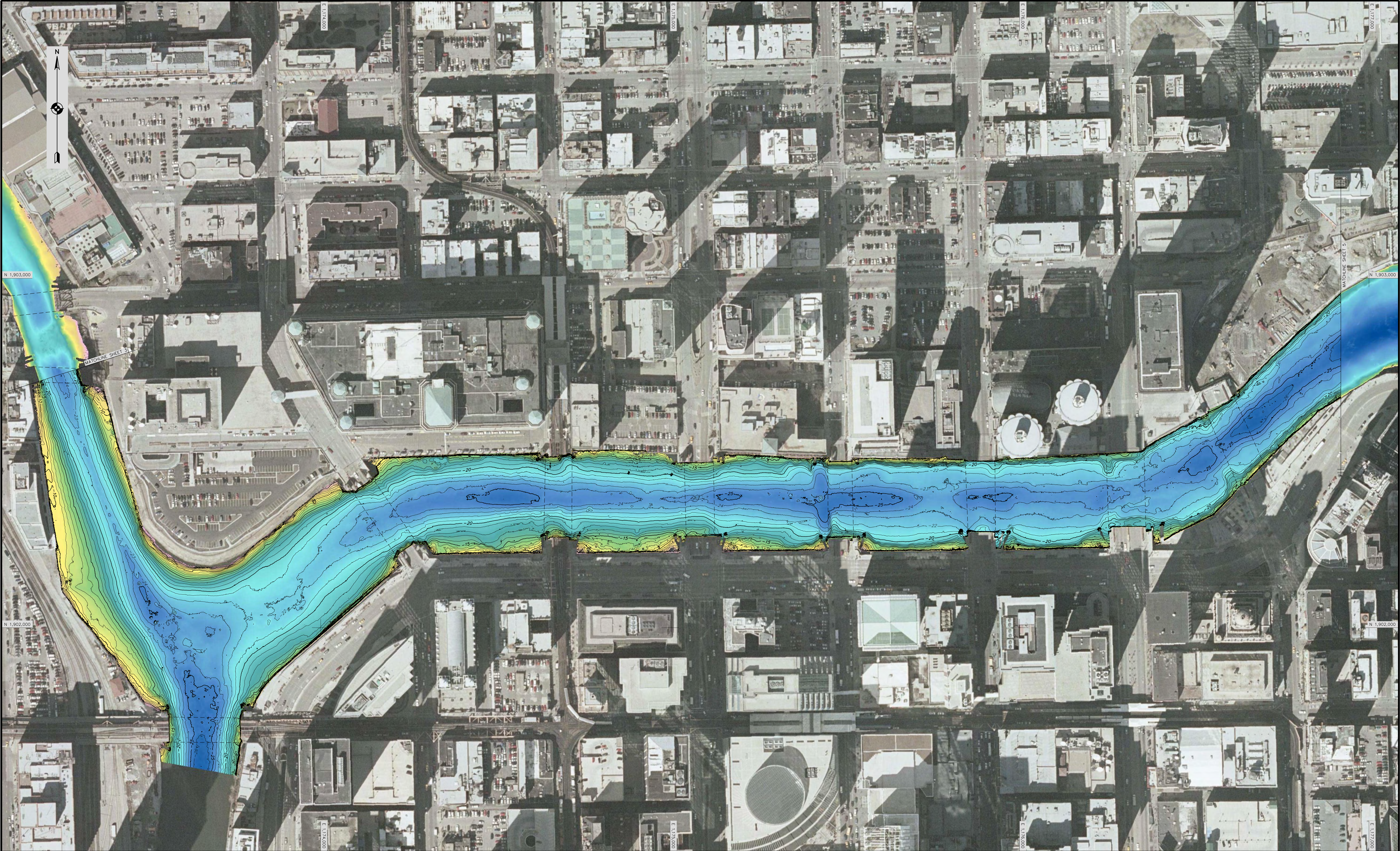
CHICAGO RIVER,
ILLINOIS
IN 3 SHEETS SHEET NO. 1
SCALE OF FEET
0 500 1000
CORPS OF ENGINEERS CHICAGO, ILL.
30 JUNE 1960



- NOTES**
- GRID SYSTEM IS IN FEET AND IS THE ILLINOIS EAST STATE PLANE COORDINATE SYSTEM.
 - ALL ELEVATIONS ARE IN FEET AND ARE REFERENCED TO LOW WATER DATUM (LWD) FOR LAKE MICHIGAN BASED ON BENCHMARK "W 56 4" WHICH HAS AN ELEVATION OF 818 FEET LWD AS PROVIDED BY THE U.S. ARMY CORPS OF ENGINEERS. ELEVATIONS WERE DEVELOPED FROM ONE FOOT BY ONE FOOT BINNED DATA WITH THE AVERAGE VALUE WITHIN EACH BIN POSTED IN THE CENTER OF THE BIN. IN SHALLOW WATER AND NEARSHORE AREAS VALUES SHOULD BE CONSIDERED APPROXIMATE DUE TO THE LOW GRAZING ANGLE OF THE ACOUSTIC SIGNAL WITH THE RIVERBED.
 - CONTOURS ARE IN FEET AND WERE GENERATED USING "QUICKSURF" VERSION 5.1 (SCHREIBER INSTRUMENTS, INC.) OPERATING WITHIN AUTODESK "AUTOCAD" VERSION 2004.
 - SHORELINE AND ONSHORE FEATURES ARE APPROXIMATE AND WERE TAKEN FROM DIGITAL ORTHOPHOTO QUADRANGLES FLOWN IN 2005 AND OBTAINED FROM THE ILLINOIS STATE GEOLOGICAL SURVEY.
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 - THE INFORMATION PRESENTED ON THIS DRAWING REPRESENTS THE RESULTS OF A MULTIBEAM SURVEY PERFORMED BY OCEAN SURVEYS, INC. ON 24 SEPTEMBER - 2 OCTOBER 2008 AND CAN ONLY BE CONSIDERED AS INDICATING THE CONDITIONS EXISTING AT THAT TIME. REUSE OF THIS INFORMATION BY CLIENT OR OTHERS BEYOND THE SPECIFIC SCOPE OF WORK FOR WHICH IT WAS ACQUIRED SHALL BE AT THE SOLE RISK OF THE USER AND WITHOUT LIABILITY TO OSI.

SURVEY VESSELS: R/V ECHO	ECHOSOUNDER: RESON SEABAT 8125
NAVIGATION SYSTEM: APPLANIX POS MV IN COAST GUARD DIFFERENTIAL MODE	
SURVEY ACQUISITION SOFTWARE: HYPACK VERSION 4.3	
SURVEY PROCESSING SOFTWARE: HYPACK MULTIBEAM EDITOR VERSION 2008, POSPAC VERSION 5.1.3	
SCALE: 1"=100' 100 0 100 200 300 CHECK GRAPHIC SCALE BEFORE USING	

OCEAN SURVEYS, INC. OLD SAYBROOK, CONNECTICUT (860) 388-4631 www.oceansurveys.com	
PREPARED FOR: U.S. ARMY CORPS OF ENGINEERS, CHICAGO DISTRICT	
BATHYMETRY CHICAGO RIVER CHICAGO, ILLINOIS	
PROJECT MANAGER: A. UNREIN	SURVEY DATE: 24 SEPT. - 2 OCT. 2008
DRAFTED BY: A. RIZZO	DATE: 26 NOVEMBER 2008
	PROJECT NUMBER: 08ES073
	DRAWING: 3
	SHEET: 5 OF 5



NOTES

1. GRID SYSTEM IS IN FEET AND IS THE ILLINOIS EAST STATE PLANE COORDINATE SYSTEM, NAD83.

2. ALL ELEVATIONS ARE IN FEET AND ARE REFERENCED TO LOW WATER DATUM (LWD) FOR LAKE MICHIGAN BASED ON BENCHMARK "W 56 4" WHICH HAS AN ELEVATION OF 818 FEET LWD AS PROVIDED BY THE U.S. ARMY CORPS OF ENGINEERS. ELEVATIONS WERE DEVELOPED FROM ONE FOOT BY ONE FOOT BINNED DATA WITH THE AVERAGE VALUE WITHIN EACH BIN POSTED IN THE CENTER OF THE BIN. IN SHALLOW WATER AND NEARSHORE AREAS VALUES SHOULD BE CONSIDERED APPROXIMATE DUE TO THE LOW GRAZING ANGLE OF THE ACOUSTIC SIGNAL WITH THE RIVERBED.


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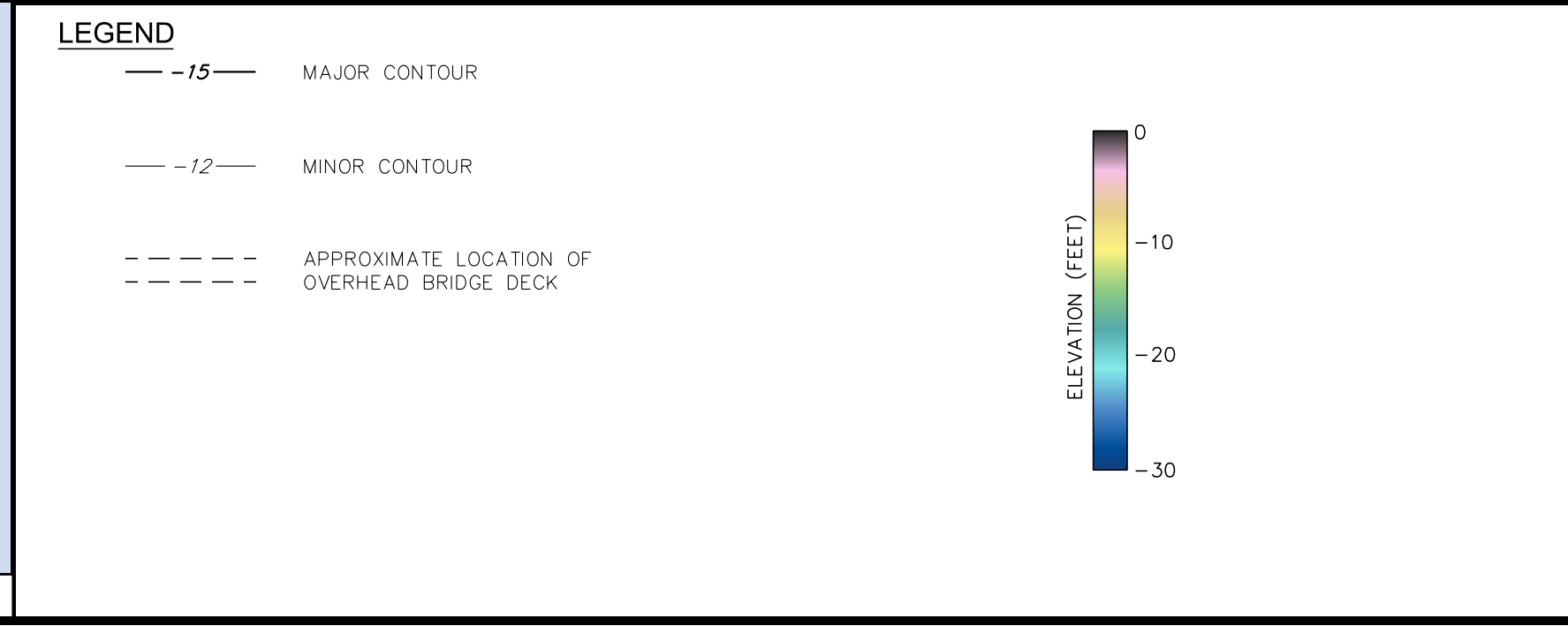
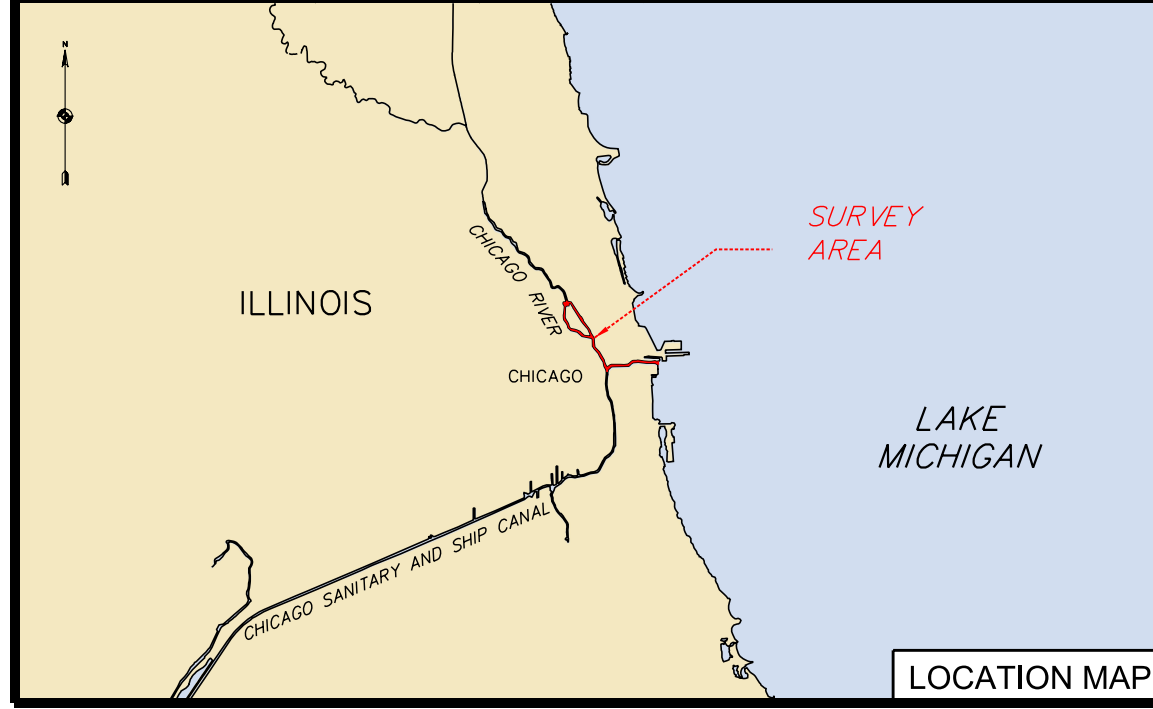
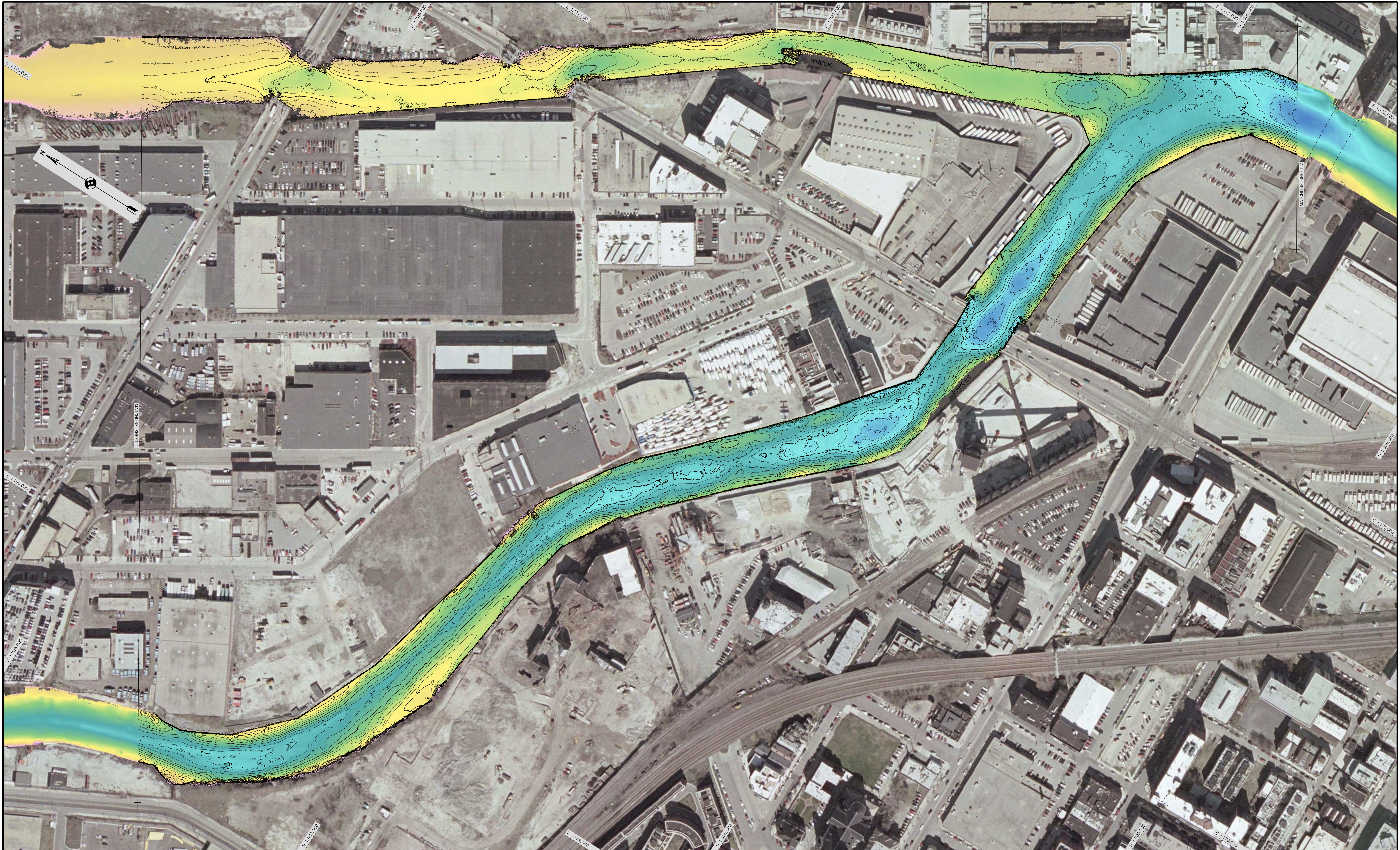
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SCALE: 1"=100' 100 0 100 200 300 CHECK GRAPHIC SCALE BEFORE USING	

OCEAN SURVEYS, INC. OLD SAYBROOK, CONNECTICUT (860) 388-4631 			
PREPARED FOR: U.S. ARMY CORPS OF ENGINEERS, CHICAGO DISTRICT			
BATHYMETRY CHICAGO RIVER CHICAGO, ILLINOIS			
PROJECT MANAGER: A. UNREIN	SURVEY DATE: 24 SEPT. - 2 OCT. 2008	PROJECT NUMBER: 08ES073	
DRAFTED BY: A. RIZZO	DATE: 26 NOVEMBER 2008	DRAWING: 3	SHEET: 4 OF 5



NOTES

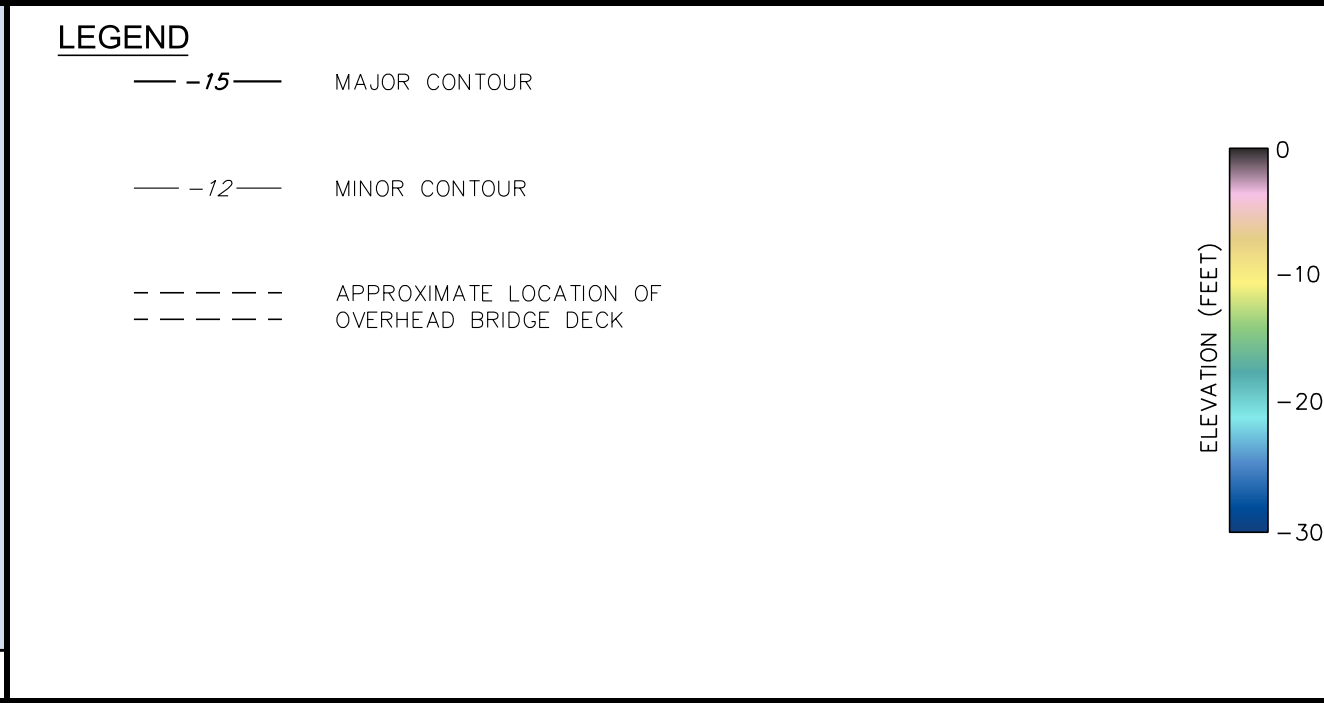
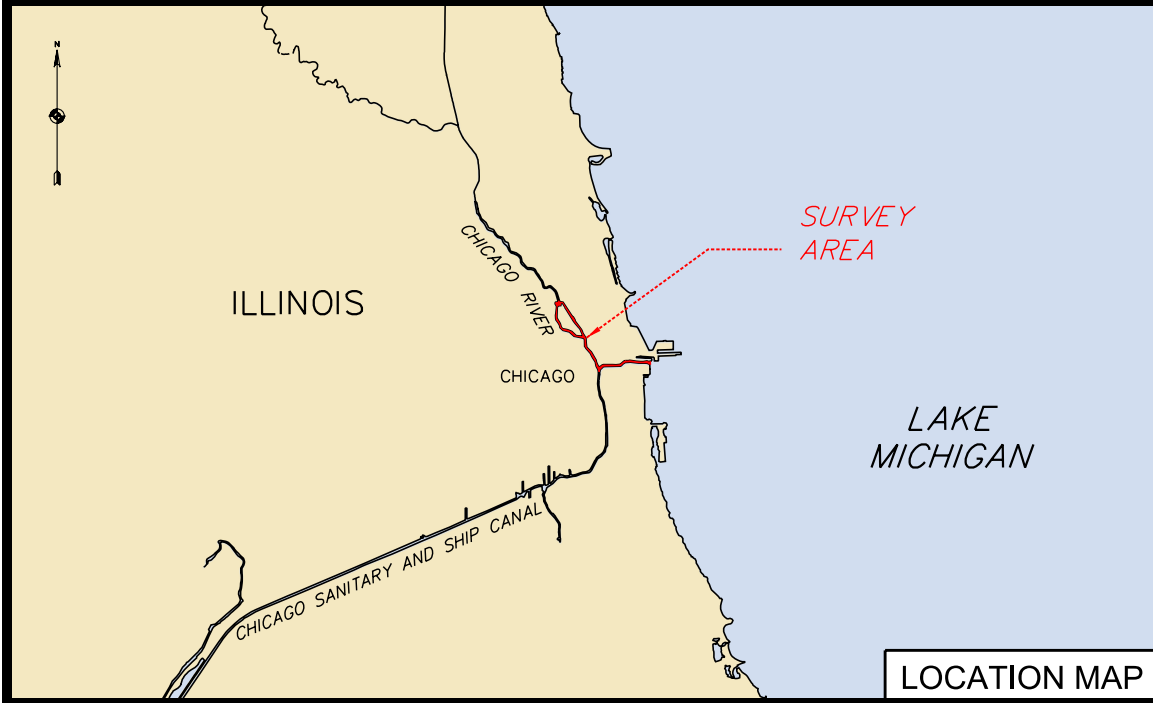
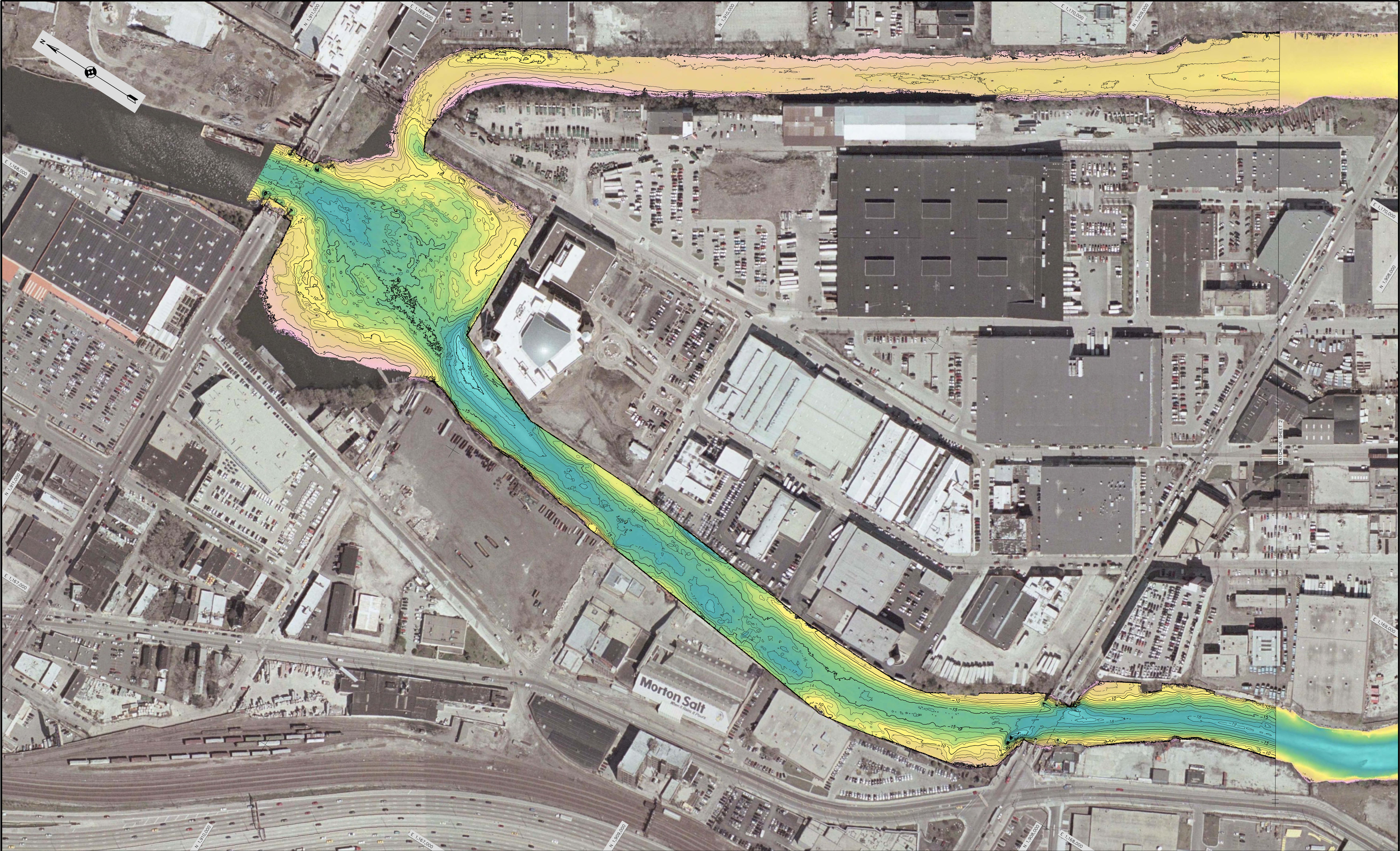
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BATHYMETRY
CHICAGO RIVER
CHICAGO, ILLINOIS

PROJECT MANAGER: A. UNREIN	SURVEY DATE: 24 SEPT. - 2 OCT. 2008	PROJECT NUMBER: 08ES073
DRAFTED BY: A. RIZZO	DATE: 26 NOVEMBER 2008	DRAWING: 3 SHEET: 2 OF 5



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PREPARED FOR:
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**BATHYMETRY
CHICAGO RIVER
CHICAGO, ILLINOIS**

PROJECT MANAGER: A. UNREIN	SURVEY DATE: 24 SEPT. - 2 OCT. 2008	PROJECT NUMBER: 08ES073
DRAFTED BY: A. RIZZO	DATE: 26 NOVEMBER 2008	DRAWING: 3 SHEET: 1 OF 5

